

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
Australia	Smelter (on care and maintenance since 2012)	Greenbushes, Western Australia	Global Advanced Metals Pty Ltd.
Belgium	Smelter	Beerse, Antwerp	Metallo Belgium N.V.
Bolivia	Smelter	Vinto, Oruro Department	Empresa Metalúrgica Vinto S.A. (Compania Minera Colquira S.A.)
Bolivia	Smelter	Oruro, Oruro Department	Operaciones Metalúrgicas S.A. (OMSA)
Brazil	Smelter	Coopersanta, Bom Futuro, Ariquemes, Rondônia	Coopersanta
Brazil	Smelter	Ariquemes, Rondônia	Estanho de Rondônia S.A. [Companhia Siderúrgica Nacional (CSN)]
Brazil	Smelter	Pinpora, Sao Paulo	Mineração Taboca S.A.
Brazil	Refinery	White Solder, Rondônia	White Solder Metalurgia e Mineração
China	Smelter	Qiaokou Town, Suxian Dirstrict, Chenzhou, Hunan	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd. (Yunnan Tin Industry Co., Ltd.)

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
China	Smelter	Gejiu, Yunnan	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.
China	Smelter	Xinbin district, Laibin, Guangxi	Guangxi China Tin Group Co. Ltd.
China	Smelter	Sanhu Town, Zhongshan County, Hezhou, Guangxi	Guangxi Guihua Cheng Co. Ltd. [China Nonferrous Metals Group (Guangxi) Pinggui UFO Co., Ltd.]
China	Smelter	Guanyang, Guangxi	Guanyang Guida nonferrous Metal Smelting Plant
China	Smelter	Ganzhou, Jiangxi	HuiChang Hill Tin Industry Co., Ltd.
China	Smelter	Nankang district, Ganzhou, Jiangxi	Nankang Nanshan Tin Industry Co., Ltd.
China	Smelter	Gejiu, Yunnan	Yunnan Chengfeng Nonferrous Metals Co. Ltd.
China	Smelter	Huogudu village, Zhadian town, Gejiu, Yunnan	Yunnan Gejiu Zili Metallurgy Co. Ltd.
China	Smelter	Gejiu, Yunnan	Yunnan Tin Co. Ltd.

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
India	Smelter	Jagdarpur, Dantewada District, Chhattisgarh	Precious Minerals and Smelting Ltd.
Indonesia	Smelter	Delima, Riau Province	CV Duta Putra Bangka
Indonesia	Smelter	Sungai Liat, Bangka Belitung Province	CV Justindo
Indonesia	Smelter	Belinyu, Bangka Belitung Province	CV Makmur Jaya
Indonesia	Smelter	Sungai Liat, Bangka Belitung Province	CV Nurjanah
Indonesia	Smelter	Pangkalan Baru, Bangka Belitung Province	CV Serumpun Sebalai
Indonesia	Smelter	Pangkalpinang, Bangka Belitung Province	CV United Smelting
Indonesia	Smelter	Pangkalpinang, Bangka Belitung Province	PT Artha Cipta Langgeng
Indonesia	Smelter	Bangka Belitung Province	PT Babel Inti Perkasa

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
Indonesia	Smelter	Sungai Liat Bangka Belitung Province	PT Babel Surya Alam Lestari
Indonesia	Smelter	Bangka Belitung Province	PT Bangka Global Mandiri Internasional
Indonesia	Smelter	Sungai Liat Bangka Belitung Province	PT Bangka Kudai Tin
Indonesia	Smelter	Pangkal Pinang, Bangka Belitung Province	PT Bangka Putra Karya
Indonesia	Smelter	Bangka Belitung Province	PT Bangka Timah Utama Sejahtera
Indonesia	Smelter	Tanjung Pandan Bangka, Belitung Province	PT Belitung Industri Sejahtera
Indonesia	Smelter	Kepulauan Bangka, Belitung Province	PT Billitin Makmur Lestari
Indonesia	Smelter	Pangkal Pinang, Bangka Belitung Province	PT Bukit Timah Tbk
Indonesia	Smelter	Pangkal Pinang, Bangka Belitung Province	PT Donna Kembara Jaya

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
Indonesia	Smelter	Bangka Belitung Province	PT DS Jaya Abadi
Indonesia	Smelter	Karimun, Riau Islands Province	PT Eunindo Usaha Mandiri
Indonesia	Smelter	Pangkal Pinang, Bangka Belitung Province	PT Fang Di Multindo
Indonesia	Smelter	Koba, Bangka Island, Bangka Belitung Province	PT Koba Tin
Indonesia	Smelter	Bangka Belitung Province	PT Mitra Stania Prima
Indonesia	Smelter	Bangka Belitung Province	PT Refined Bangka Tin
Indonesia	Smelter	Bangka Belitung Province	PT Stanindo Inti Perkasa
Indonesia	Smelter	Mentok, Bangka Belitung Province	PT Tambang Timah Tbk
Indonesia	Smelter	Kundur Island, Riau Islands Province	PT Timah Tbk

## 2—Identified global consumers of tin concentrates (refineries and smelters)

Explanation: Additional small-scale smelters may be in operation in Indonesia, but their status could not be confirmed. Facilities were thought to be active unless otherwise noted. Data records are sorted by country and then alphabetically by owner.

COUNTRY	FACILITY TYPE AND STATUS (IF APPLICABLE)	LOCATION	OPERATOR / OWNERSHIP
Indonesia	Smelter	Bangka Belitung Province	PT Tinindo Inter Nusa
Indonesia	Smelter	Bangka Belitung Province	PT Yinchendo Mining Industry
Malaysia	Smelter	Butterworth, Penang	Malaysia Smelting Corp. Bhd.
Peru	Refinery and smelter	Pisco, Ica Department	Minsur S.A.
Rwanda	Smelter (resumed operations in 2015)	Karuruma	Phoenix Metals Ltd.
Thailand	Refinery and smelter	Phuket, Phuket Province	Thailand Smelting and Refining Co. Ltd. (Thaisarco)
Vietnam	Refinery	Phuc Xa Ward, Thai Nguyen City, Thai Nguyen Province	Thai Nguyen Nonferrous Metal Co.